



INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Substitute for form 1449A/PTO			
		Complete if Known			
		Application Number	10/644,406		
		Filing Date	August 19, 2003		
		First Named Inventor	NIEMEYER, GUNTER D.		
		Art Unit	2125		
Sheet	1	of	2	Examiner Name	Garland
				Attorney Docket Number	017516-002130US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
	1	5,053,976	10-01-1991	Nose et al.	
	2	5,631,973	05-20-1997	Green	
	3	5,808,665	09-15-1998	Green	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	4	WO	97/29690		08-21-1997	Computer Motion, Inc.		<input type="checkbox"/>
	5	WO	97/43942		11-27-1997	Intuitive Surgical, Inc.		<input type="checkbox"/>
	6	WO	97/43943		11-27-1997	Intuitive Surgical, Inc.		<input type="checkbox"/>
								<input type="checkbox"/>

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
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			Art Unit	2125	
			Examiner Name	Garland	
Sheet	2	of	2	Attorney Docket Number	017516-002130US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	7	BAUMANN, Thesis No. 1734 entitled "Haptic interface for virtual reality based laparoscopic surgery training environment" for Master of Science in Computer and Systems Engineering, Rensselaer Polytechnic Institute, USA (1997) pp. 98-103.	
	8	KOMADA et al. "Bilateral robot hand based on estimated force feedback" Proceedings IECON '87, Cambridge, MA, November 3-6, 1987, pp. 602-607.	
	9	LAZAREVIC, "Feasibility of a Stewart Platform with Fixed Actuators as a Platform for CABG Surgery Device" Master's Thesis, Columbia University, Department of Bioengineering, pp. 1-45	
	10	MADHANI, Dissertation entitled Design of Teleoperated Surgical Instruments for Minimally Invasive Surgery, Mass. Institute of Tech. (©Feb. 1998)	
	11	NEISUS et al., "Robotic manipulator for endoscopic handling of surgical effectors and cameras," 1st Intl. Symposium on Medical Robotics and Computer Assisted Surgery, Workshop (Part I & II)--Session VI, Pittsburgh, Pennsylvania (Sep. 22-24, 1994) vol. 2, pp. 169-175.	
	12	THRING, "Robots and telechairs: Manipulators with memory; remote manipulators; machine limbs for the handicapped" (1993) M.W. Thring/Ellis Horwood Ltd. pp. 9-11, 122-131, 194-195, 235-257, 274-279	

Examiner Signature		Date Considered	
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.